# SEA PAC

## Northwestern Division Convention
### "Be Radio-Active"

## Seaside Convention Center
## Seaside, Oregon

2025
SEA-PAC

www.seapac.org

## May 30, May 31, and June 1, 2025

Sponsored by the Oregon Tualatin Valley Amateur Radio Club
Co-sponsored by the Clark County Amateur Radio Club

# Welcome to SEA-PAC '25!

Welcome to SEA-PAC 2025 — the 43rd anniversary to the Northwest's premier amateur radio convention!

This year's theme, **"Be Radio-Active,"** is a celebration of the energy, curiosity, and camaraderie that make the amateur radio community so vibrant. SEA-PAC is proud to be the only amateur radio convention held at the beach, and we're thrilled to welcome you once again to beautiful Seaside, Oregon.

SEA-PAC doesn't happen without the passion and commitment of our volunteers. From September through May, members of the Oregon Tualatin Valley Amateur Radio Club and the Clark County Amateur Radio Club work together to plan every detail of this event. And when the convention begins, many more hands step in onsite to bring it all to life.

But it's **you**, our attendees — your enthusiasm, your fellowship, your love of the hobby — that truly make SEA-PAC something special. Whether you're from the Pacific Northwest, across the country, or around the world, we are honored to share this weekend with you.

So let's gather, make new connections, and celebrate all things amateur radio. Thank you for being part of SEA-PAC 2025!

Barbara Robertson

**Barbara Robertson, KI7BR**
SEA-PAC **2025 Committee Chair**

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*Please express your appreciation to the many dedicated volunteers, vendors, and flea-marketers that make SEA-PAC possible.*

*The SEA-PAC committees are listed on page*

# SEA-PAC WELCOMES OUR ARRL GUESTS

**Kristen McIntyre, K6WX,** ARRL First Vice President

Kristen has been interested in radio since she was about 5 years old. When she was small she built many radio kits including her favorite: the one tube radio kit.

She was first licensed in the late 1970s while a student at Massachusetts Institute of Technology. She holds an Amateur Extra class license.

She is active on 2m, 1.2GHz and is active on HF with an Elecraft K2 she built while on vacation visiting her mother. Kristen often does her HF-ing mobile with the K2 and a hamstick or from her apartment with a homebrew helical vertical dipole and an IC-7600 driving an AL-811H. These days she loves to chase DX using mostly CW, and works contests from time to time.

She has served as ARRL Technical Coordinator for the East Bay Section, and is a member of several clubs, including the Palo Alto Amateur Radio Association, Northern California DX Club, FISTS CW Club, and the Young Ladies Radio League.

Kristen is also licensed in Japan, her second home, as JI1IZZ. She is a senior software engineer at Apple.

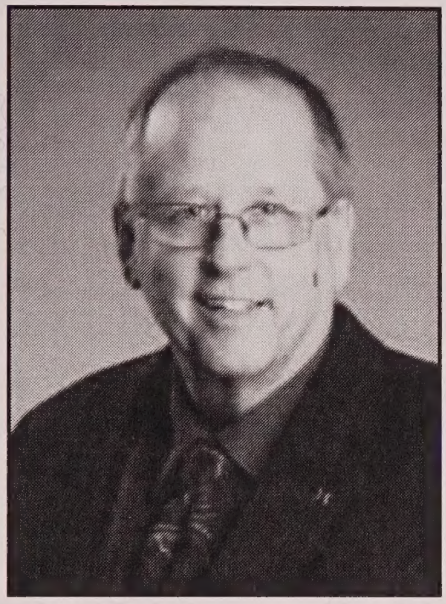
**2025 is ...**

**the ARRL's 111th year,**

**SEA-PAC's 43nd year,**

**and the YLRL's 86th year**

# SEA-PAC WELCOMES OUR ARRL GUESTS



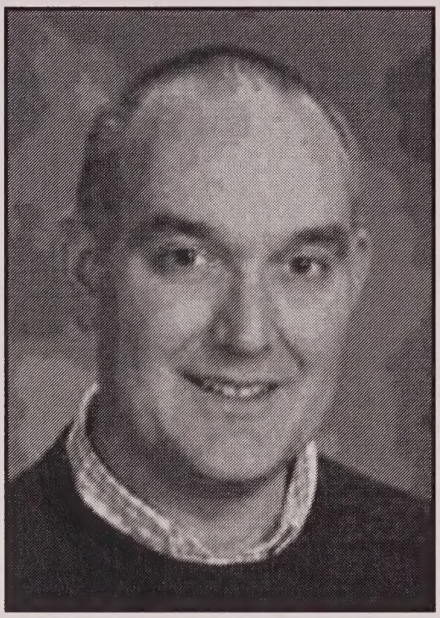
**Mike Ritz, W7VO,** ARRL Second Vice President is a 40-year plus Life Member of the ARRL and very active ham. Mike was first licensed in 1974 as WA6HKP and earned his Amateur Extra in 1983. His main radio interests are contesting and DX, mentoring new hams, and public service through the ARRL ARES program. He is a three term past President of the Willamette Valley DX Club and is Trustee for the Columbia River DX Club, which he founded to mentor new hams in HF operating. He has served as an ARRL Deputy Emergency Coordinator and Emergency Coordinator, an ARRL Accredited Volunteer Examiner, ARRL Registered License Instructor, author, and seminar presenter on a variety of ham radio topics. In 2018, he was elected ARRL Director for the Northwestern Division.

Professionally, Mike holds degrees from Foothill College and San Jose State University, and had a successful career in the high tech telecommunications industry as an engineer, manager and director, prior to retiring in 2014 to focus on building his dream amateur station. When not on the radio he is busy working his small hobby farm in Scappoose, Oregon with his wife Shelley, W7VOX.

SEA-PAC

Personal or business information collected as part of this event is not shared or distributed in any way outside of SEA-PAC.

# SEA-PAC WELCOMES OUR ARRL GUESTS



**Bob Inderbitzen, NQ1R** is the Director of Public Relations and Innovation at the ARRL. He and his staff are responsible for ARRL membership and publication marketing. Bob collaborates with other staff, contributing to benefits, services and products enjoyed by all ARRL members. In 2014, he served as the convention manager for the national ARRL Centennial Convention held in Hartford, Connecticut. Bob regularly attends ARRL's national conventions and Dayton Hamvention as part of the team that organizes and operates ARRL exhibits. He also coordinates ARRL's representation at Europe's largest, annual-held Amateur Radio exhibition in Friedrichshafen, Germany.

He enjoys speaking with members and volunteers about ARRL membership recruitment, benefits and services. Bob obtained his first ham radio license, KA2PZD (Novice-class) in 1981. He attributes his early interest in Amateur Radio to a fascination with electronics and a patient middle school vice principal who decided to conduct an Amateur Radio class. Bob says, "I was the only student who enjoyed being sent to the vice principal's office. That's where the radio was!" Bob earned the call sign NQ1R when he upgraded to Amateur Extra class in 1989.

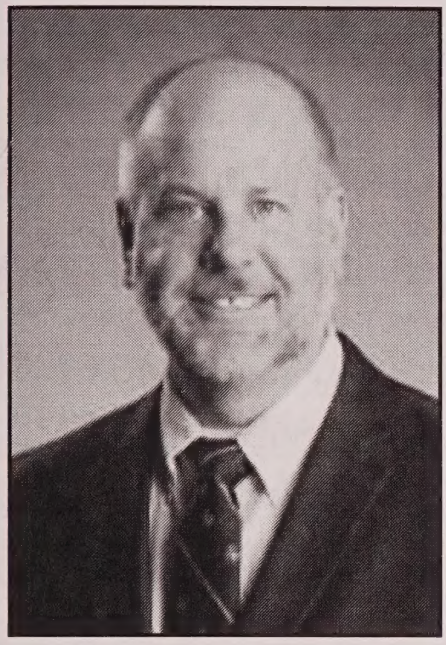
## *V.E. EXAM SESSION*

***Amateur License Exams at Our Savior's Lutheran Church***
***East Parish Hall***
***North and West — across the street from the Convention Center***

***One Session — Saturday at 9 AM***

***Pre-registration requested. Walk-ins — If Space Available***
***Text or call John Bucsek at 503.803.6134***

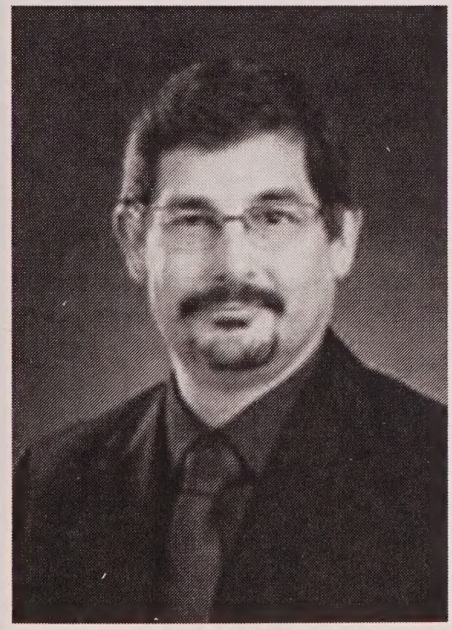
# SEA-PAC WELCOMES OUR NWD GUESTS



**Mark Tharp, KB7HDX,** ARRL Northwestern Division Director, has been licensed since 1989 and holds an Amateur Extra Class license. He is a Life Member of the ARRL and has held numerous ARRL volunteer positions. Mark has held Section level positions of EC, DEC, OOC, ASM and AD.

Mark's other amateur radio activities include, contesting, repeater building, hamfests' VE testing, and being an Elmer. He feels it is important for amateur operators to be involved by promoting and participating in not only League activities but amateur radio as a whole.

"73 and Welcome to SEA-PAC."



**Michael Sterba, KG7HQ,** ARRL Northwestern Division Vice Director is an Extra Class Radio Amateur Operator (KG7HQ), holding various roles in the American Radio Relay League and contributing to emergency services and community organizations. In addition, he holds a General Radio Telephone License with radar endorsement.

In addition to operating, I provide assistance with RFI/EMI complaints and/or problems. Whether we are tracking down powerline noise or assisting with complaints of interference, I try to render assistance toward a sustainable resolution. Leisure interests include radio amateur operations, short-wave radio, computer hobbyist, open-source software, web design, and digital photography.

# SCHEDULE OF EVENTS

| Friday, May 30 | |
|---|---|
| Workshop Will-Call Open | 8:00 AM — 9:00 AM |
| Workshop: Practical EmComm. (*Convention Center upstairs*). | 9:00 AM — 4:45 PM |
| Workshop: DMR Radio (*Convention Center Upstairs*) | 9:00 AM — 4:45 PM |
| General Registration & Will-Call Open | 9:00 AM — 6:00 PM |
| Raffle Ticket Sales (*Raffle Ticket Table*) | 10:00 AM — 6:00 PM |
| Flea Market Load In | 11:00 AM — 8:00 PM |
| Flea Market Registration Packet Available From Coordinator | 6:00 PM — 8:00 PM |
| *SEA-PAC* Reception (*Riverside A & B*) | 6:30 PM — 8:00 PM |
| Special Event: Radios at the Beach (Near the Seaside Promenade by the Turnaround), Weather Permitting | 7:00 PM |
| Convention Center Closes | 8:00 PM |
| **Saturday, May 31** | |
| Exhibitor / Flea Market Set-Up (cont.) | 7:30 AM — 9:00 AM |
| Major Prize Raffle Ticket Sales *(Raffle Ticket Table)* | 8:00 AM — 2:00 PM |
| General Registration & Will-Call Open | 8:00 AM — 4:00 PM |
| Raffle Ticket Sales *(Raffle Ticket Table)* | 8:00 AM — 4:00 PM |
| Exhibitor & Flea Market Open | 9:00 AM — 4:00 PM |
| VE Exams (*Our Saviour's Lutheran Church, East Room)* | 9:00 AM |
| Snack Bar | 9:00 AM — 4:00 PM |
| Hourly Prize Raffle Drawings | 10:00AM, 12:00 PM, 2:00 PM |
| Seminars (*Convention Center upstairs*) | 10:00 AM — 5:15 PM |
| YL & DX Luncheons *(Convention Center upstairs)* | 11:55AM — 12:50 PM |

# SCHEDULE OF EVENTS

| **Saturday, May 31 (Continued)** | |
|---|---|
| American Radio Relay League (ARRL) Forum *(Riverside A & B)* | 1:00 PM — 2:15 PM |
| Major Prize Raffle Drawing *(Convention Center)* | 2:45 PM |
| Hourly & Major Prize Raffle Ticket Sales Resume | 3:00 PM — 4:00 PM |
| Seminars Resume | 3:10PM — 5:00PM |
| Convention Closes (Exhibitors, Flea Market, Registration, Raffle Ticket Sales) | 4:00 PM |
| Pre-Banquet "Happy Hour" (*Convention Center*) | 6:30 PM — 7:00 PM |
| *SEA-PAC* Banquet (*Convention Center*) | 7:00 PM — 10:00 PM |
| **Sunday, June 1** | |
| General Registration Open | 8:30 AM — 12:00 PM |
| Raffle Ticket Sales | 8:30 AM — 12:00 PM |
| Exhibitor & Flea Market Open | 9:00 AM — 12:00 PM |
| Snack Bar | 9:30 AM — 1:00 PM |
| Hourly Prize Raffle Drawings | 10:00 AM, 12:00 PM |
| Seminars (*Convention Center*) | 10:00 AM — 12:00 PM |
| Raffle Ticket Sales End | 12:00 PM |
| Early Bird Raffle Drawing (*Convention Center)* | 1:00 PM |
| Major Prize Raffle Drawing | 1:15 PM |
| Convention Closes | 2:00 PM |

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# SEA-PAC DX & YL Luncheons

## YL Luncheon Speaker

**Vicki Zumwalt, N6KLS**

### Egypt and Radio

Vicki will talk about her recent trip to Egypt with pictures. Due to Egyptian law, she was unable to get on the air in Egypt, but did meet with some Egyptian hams. Her pictures of Egypt are a great after-lunch dessert.

YLRL President, Vicki Zumwalt lives in Kingman, AZ. She is a net control for the Kingman, AZ station of the Route 66 special event, is an avid contester, and Trustee for the W7KDS Northern Digital Repeater System. She is Past President of the Mt. Diablo and Hualapai amateur radio clubs, chair of the Contra Costa Repeater Association, and a net control operator. She has her own small business, Vintage Stitching, a museum for Singer Vintage Sewing machines.

## DX Luncheon Speaker

**Mike Ritz, W7VO**

### DXCC 2025

Mike will discuss some recent proposals and decisions by the DX Committee. He would like feedback, comments, and suggestions after listeners learn about the proposals.

# SEA-PAC WELCOMES OUR SPECIAL Banquet Speaker: Gordon West, WB6NOA

Gordon West has been an amateur radio operator for more than 60 years, holding the top-level license of Amateur Extra, call sign WB6NOA. He also holds an FCC Commercial Operator License, the First Class General Radiotelephone Certificate with Radar Endorsement. A frequent guest and presenter at ham radio conventions, Gordon is well-known by the amateur radio community for his unique educational style and commitment to developing instructors. His work has benefited thousands of new amateur radio licensees. He is an ARRL Life Member, and has earned many recognitions including ARRL Instructor of the Year and Dayton Amateur Radio Association 2006 Amateur of the Year. The Gordon West Ambassador of the Year Award is presented annually by Orlando HamCation® to an amateur who has made outstanding contributions to the amateur radio community.

Gordon West has also been named ARRL National Instructor. He serves as an ambassador for the new ARRL National Instructor Program. This program will place greater emphasis on connecting prospective hams with opportunities to find ARRL Affiliated Radio Clubs and classes. The National Instructor Program will also support ARRL volunteer instructors with new resources for teaching amateur radio courses and for developing licensees.

Banquet Master of Ceremonies: Arnie Klein, WB6OEE

## Banquet Music

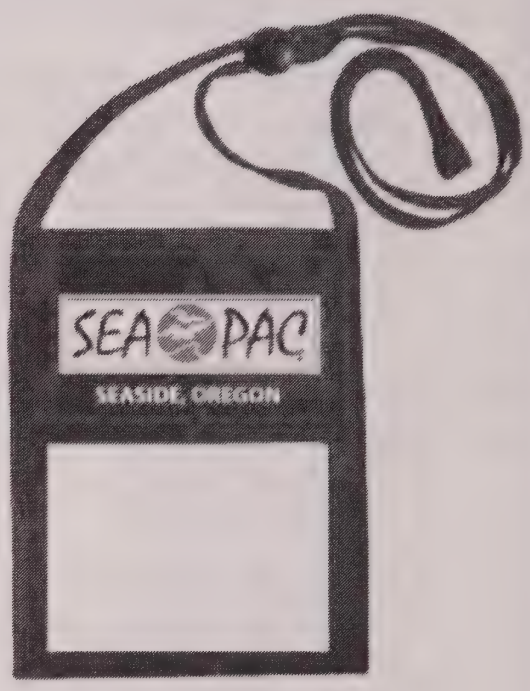
Jim Fischer, KD7KTV is a lifelong musician. Whether teaching or performing, he lives the music. He has performed in Portland area venues and aboard cruise ships. Jim and Marsha live in Vancouver.

# SEA-PAC Pocket Lanyard

The SEA-PAC Lanyard can be purchased for only $5 at the registration desk in the lobby.

Previous year purchasers that bring their lanyards can pick up a free replacement 2025 pocket booklet in the lobby.

This timeless lanyard has a clear pocket in the front for your name badge, a zippered pocket on the top to hold lunch, banquet, or raffle tickets and other small items, and a clear pocket on the back to hold the free pocket book of SEA-PAC activities for reference while attending the convention.




# Future SEA-PAC Dates

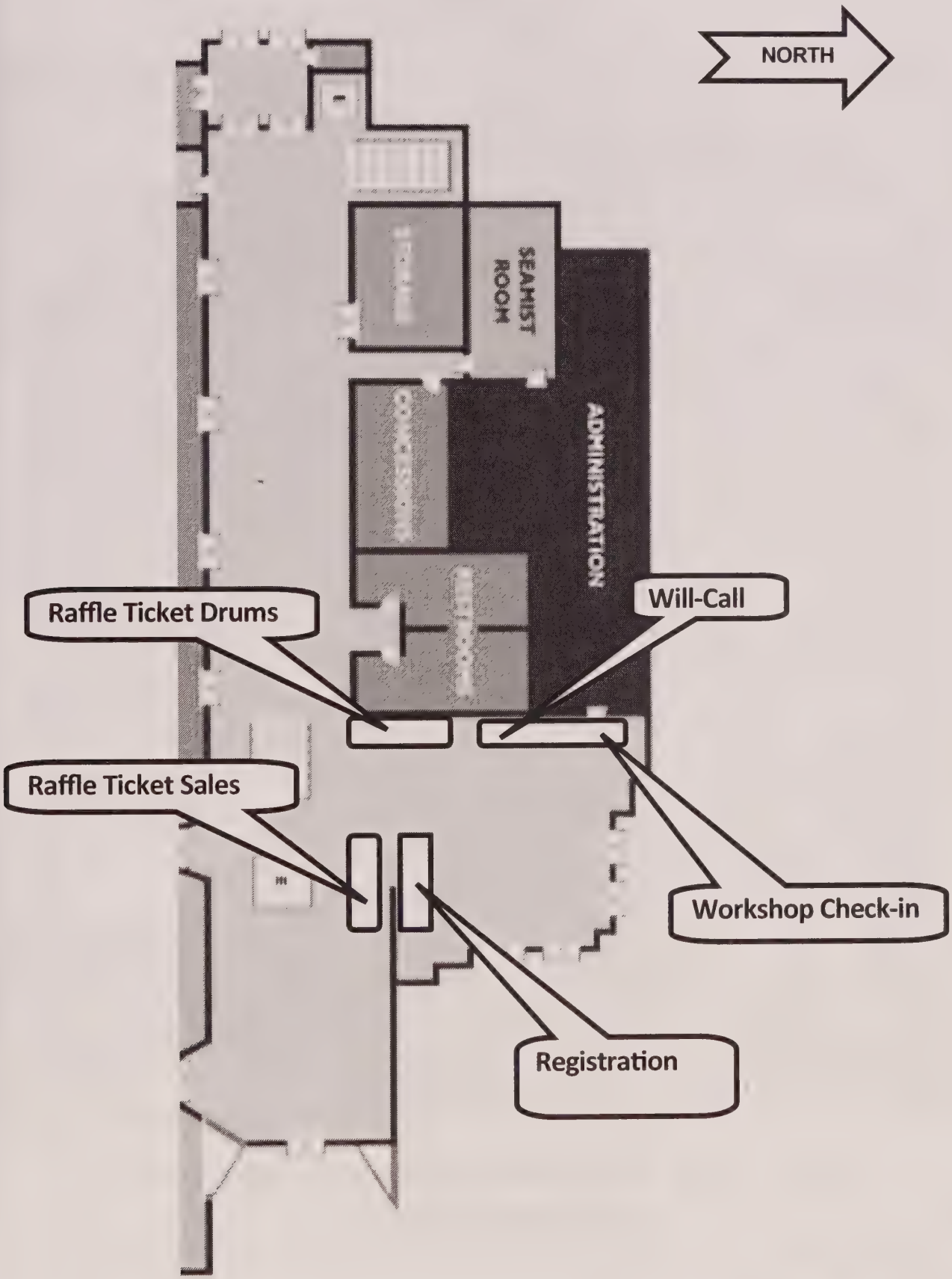
June 5 - 7, 2026
June 4 - 6, 2027
June 2 - 4, 2028
June 1 - 3, 2029
May 31 - June 2, 2030
May 30 - June 1, 2031
June 4 - 6, 2032
June 3 - 5, 2033

# Thank you for attending SEA-PAC 2025

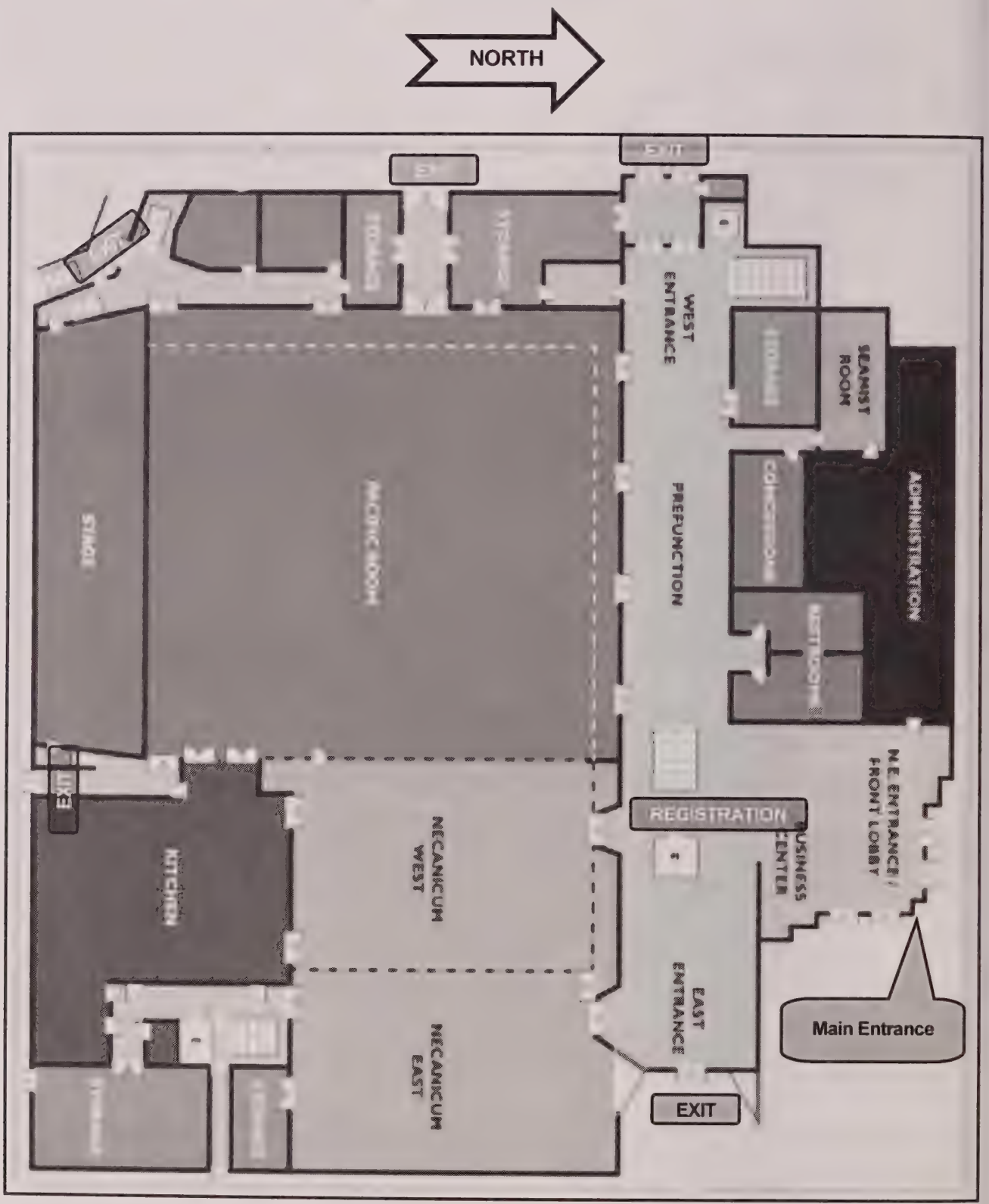
We hope you enjoyed yourself and took advantage of the many activities offered throughout the 3 days either at the convention itself or by enjoying the Seaside area.

We hope you tell your friends about your experience and we hope to see you next year!

# CONVENTION CENTER
## Lobby

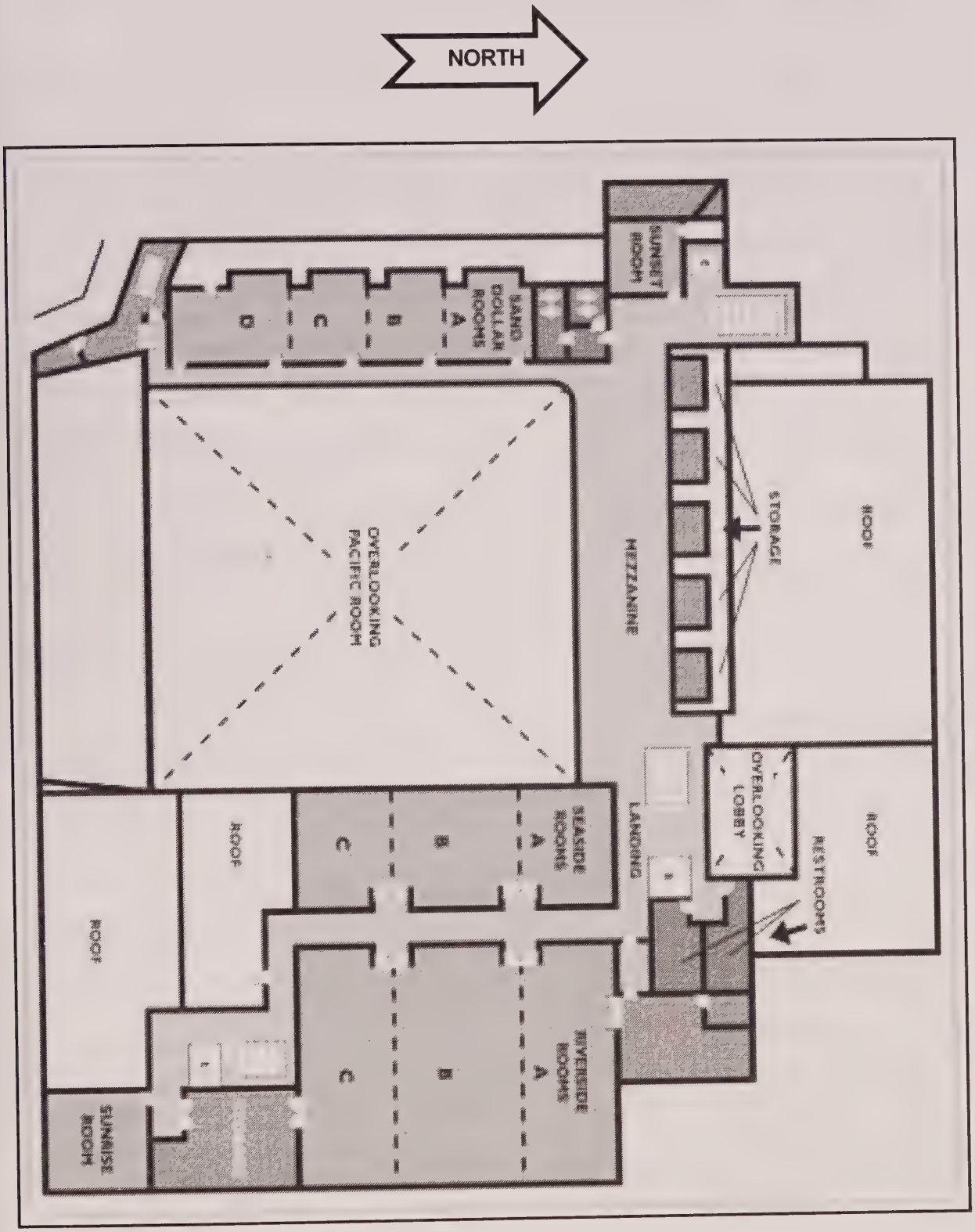


# CONVENTION CENTER
## Main Floor




**Note: "EXIT" is to exit the building only. NO ENTRY**
**Use the Main Entrance.**

# CONVENTION CENTER
## Upstairs Floor



# SEMINAR SUMMARIES

| Grid | Description |
|---|---|
| 1A | Learn the basics for the most popular contest logging software. Learn the setup, and how to start logging contacts. |
| 1B | Elecraft is constantly innovating their product line. Learn some about what they've been doing lately. |
| 1C | Antennas can make or break a ham station! No antenna, no fun on the air-waves, either. Learn some antenna fundamentals. |
| 1D | Learn some training techniques that worked for Clackamas ARES to increase radio and other skills. |
| 1E | The world has changed just a bit since 1984. See a visual tour of the changes over time. |
| 1F | Learn how to build your own baluns and learn: why they are useful, how they work, what materials to use, how to wind them, and how to test your balun. |
| 1G | Do you have questions about some amateur radio topics? Walk down the hall and zigzag to the last room with questions. |
| 2A | Now that you know N1MM+ basics, attend to learn how to use the more advanced features of this superb contest logging program. |
| 2B | Get outdoors and operate POTA (Parks) and SOTA (Summits) on the air while breathing in fresh outdoor air. Learn how to get started and equipment suggestions. |
| 2C | Is your club static, not growing, and not having fun? Listen to some practical suggestions from Radio Club of Tacoma President. |
| 2D | Listen to a theoretical image of amateur radio in the future. You can help craft the future with a vision of the possible. |
| 2E | Learn some ways to beat the HOA rules and still have fun with amateur radio. |
| 2F | Learn some new ways to discover repeaters with key data on each. This can work well when traveling or simply experimenting. |
| 2G | Building a remote station comes with the promise of outstanding contacts and some maintenance issues to overcome. |
| 3A | Learn how to get started and succeed with Logbook of the World (LoTW). |
| 3B | Flex is one of the popular radio brands with a strong following. Learn what Flex is doing lately to improve your ham radio experience. |
| 3C | Mike will discuss happenings at a recent meeting that proposes some modifications to the DXCC program and answer questions. |
| 3D | Engaging youth with amateur radio takes patience and persistence. Learn some ways that work. |
| 3E | Learn how Hexbeam antennas evolved over the past decades into a compact multiband antenna. |
| 3F | Listen to a prediction of what could happen during and after an EMP or other disaster. Forewarning can help you prepare in ways best for your family. |
| 3G | Operating amateur radio in some countries is easy, others not so much. Vicki will discuss her experiences operating from Egypt, a fairly rare country from DXCC perspective. |
| 4A | Continuation |
| 4B | Interact with ARRL leaders from the national, Division, and Section levels. |
| 4C | Yaesu continues to innovate and recently released an updated repeater and radios to match. Learn some of their capability. |

# SEMINAR SUMMARIES

| | |
|---|---|
| 4D | Amateurs tend to innovate when solving problems and experimenting. Learn some of our history of innovation. |
| 4E | Getting antennas in the air can be a challenge. Learn some practical and useful knots, antenna types and techniques to get on the air. |
| 4F | Magnetic loop antennas are usually small and unobtrusive that can overcome some HOA issues. |
| 5A | earn some ways to get started in contesting in a casual way. Increase your count towards awards while improving your radio skills. |
| 5B | Gordon has taught many ham license classes over many years. Attend his Instructor Academy and learn techniques that can help your instruction methods. |
| 5C | Want to build a kit but unsure of what you need and how to get started. Drop by and learn what and how to get started for satisfying fun. |
| 5D | Listen to the experiences of college-age hams and how they are learning and growing ham radio in college. |
| 5E | Home brew construction can be very satisfying. Learn how to succeed and build things yourself. |
| 5F | Meeting on Oregon ARES taskbooks and related matters. Open to anyone interested. |
| 5G | Nothing like the smell of warm radio tubes from a vintage radio. Learn the technology and how to use older radios. |
| 6A | Want to find out what DXing is all about and how to get started? This seminar is for you. Bring questions. |
| 6B | The fabled Route 66 plays host to radio operators each year. Learn some of what goes on behind the scenes with the Rout 66 On the Air event. |
| 6C | Playing radio outdoors allows you to mix nature and radio in fun ways. Learn how, why, and what to take along for fun outdoors. |
| 6D | Instant scoring might mean instant gratification/ competition with friends during radio contests. |
| 6E | Home brew crystal filter design and construction logistics with actual hardware examples. |
| 6F | Learn the features of AMSAT's revised CubeSat Simulator. Learn about DireWolf APRS and other features. |
| 7A | When some kind of disaster occurs, everyone seems to want pictures. Learn practical techniques and see live demos of ways to provide those images. 2-hour seminar. |
| 7B | Continuation |
| 7C | Get a peek into the world of clandestine radio, and maybe here some spies sending information home. |
| 7D | Open forum for experimenters and home brew hams to show off their recent experiments. Swap ideas with other experimenters. |
| 7E | Continuation |
| 7F | Learn some concepts behind building a remote shared station accessible via the internet using Flex equipment. |
| 8A | Continuation |
| 8B | Continuation |
| 8C | Antennas are a fundamental requirement for successful wireless communication. Learn how they work. |
| 8D | Continuation |
| 8E | Continuation |

# SEMINAR SCHEDULE

| Day | Period | Row | A<br>Riverside A | B<br>Riverside B | C<br>Riverside C |
|---|---|---|---|---|---|
| Sat | 1000-1050 | 1 | Get Started with N1MM+ (W7VO) | Elecraft Product Update (WA6HHQ) | FastTrack to Ham Antennas (AF7KB) |
| Sat | 1100-1150 | 2 | Advanced N1MM+ (W7VO) | Portable power sources - Take your Amp Hours With You (W7DGP) | Growing Your Club with Simple Ideas (W2NCC) |
| Sat | 1200-1250 | 3 | Get Started with LoTW Successfully (AF7KB) | Flex Radio Update (N5AC) | DX Luncheon-DXCC 2025 (W7VO) |
| Sat | 1300-1350 | 4 | ARRL Forum (KB7HDX/K6WX/W7VO) | | Yaesu DR-2X repeater and FTX-1F radio (N9UPC) |
| Sat | 1510-1600 | 5 | Get Started in Casual Contesting (NN7O) | Gordon West Ham Instructor Academy (W86NOA) | Kit Building Techniques for Success (KONEB) |
| Sat | 1610-1700 | 6 | HF DX For Beginners (K7VV) | The Hunted on Route 66 (N6KLS) | Go outside and play! (KO7T) |
| | | | | | |
| Sun | 1000-1050 | 7 | Grid Down, VARA FM to Send Images (KB7RHI) | | Pirate, Spy, and Clandestine Radio (KONEB) |
| Sun | 1100-1150 | 8 | | | Antenna Basics (W7BBO) |

**See Pages 16 & 17 for Seminar Synopsis**
*(use row number THEN column letter (e.g. "3A")*

# SEMINAR SCHEDULE

| D<br>Seaside A | E<br>Seaside B | F<br>Seaside C | G<br>Sunrise |
|---|---|---|---|
| Continued Learning in Ham Radio (KI7BDP) | Visualizing the World Since 1964 (KJ7ZSU) | Build your own Balun's and Ununs (W7DAO) | Ham Radio Q&A (NS7U) |
| Future of Amateur Radio (K7CSD) | Limited Space and HOA Stealth Antennas (W7UUU) | Repeaters START and HearHam.com (KJ7BKH) | Building a Remote Station (KJ6VU/VA3MW) |
| Engaging Youth in Amateur Radio (KG7FZH) | Evolution and Intro to the Hexbeam Multiband Antenna (KI6AWR) | Black Sky - Long-Term Grid-Down (NW7T) | YL Luncheon - Egypt amd Radio (N6KLS) |
| Technical Innovation Within Amateur Radio (N8GNJ) | Ropes, Knots, and Alternatives for Portable Antennas (WB6BYU) | Building Magnetic Loop Antennas (K7TLC) | |
| Collegiate Panel (N7JI) | Home Brew Construction Techniques (WA7MLH) | Oregon ARES Taskbooks (AB7ZQ) | Intro to Vintage Ham Radio Repair (VE7UTS) |
| Ham Radio Instant Scoring Service (N7AKG) | Crystal Filter Design and Construction (WA7MLH) | AMSAT CubeSat Simulator: V2.0, Uplink Ctrl via HT (W7DGP) | |
| | | | |
| Sunday Multi-Presenter Idea Sharing Session (VE7UTS) | | New Flex Radio Shared Remote Station Service (N7AKG) | |
| | | | |

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# SEA-PAC Raffles

**Raffle Ticket Prices**

Hourly Raffles - $2 per Adult Admission, limit 1 ticket.

Early Bird Raffle - $2 per Adult Admission, limit 1 ticket.
(Must have registered BEFORE April 15, 2025)

Major Prizes - $5 per Raffle Ticket

# PRIZE DONORS

**Exhibitors with asterisks ** after their name, as well as the merchants listed below, have generously donated prizes to our raffle drawings.**

**Be sure to visit the booths and local businesses who have supported SEA-PAC. while you are here.**

**Seaside, OR**
- Ebb-Tide Oceanfront Inn
- Hi-Tide Oceanfront Inn
- Inn At Seaside
- Motel 6 at Seaside
- North Coast Leather
- Portland Fudge
- Pig 'N Pancake
- River Inn At Seaside
- The SaltLine Hotel

**Nehalem, OR**
- Nehalem Bay Winery

**Vancouver, WA**
- Pulse Larsen Antenna

**Fredericksburg, VA**
- Easy Way Ham Books
- K4IA c/o Craig Buck

**Prizes Include**

T-Shirts
Radios
Hotel Stays
Handhelds
Tools
Antennas
Books
Local Restaurants
Cables

**And SO much More!**

# EXHIBITORS

7th Area QSL Bureau / WV DX Club
Amateur Radio Relay Group
American Radio Relay League**
Buddipole, Inc. **
Compudigital Industries
Dynolab
Elecraft, Inc. **
Fast Track Ham Radio Education **
Flex Radio **
Geochron LLC
Great Maps LLC / Hear Ham **
Halibut Electronics **
Ham Radio Outlet **
Hi-Tech Liquidators/NW Radio **
Hip Ham Shirts **
Hitched4Fun.com
Icom America
Impulse Electronics **
Inovato, LLC **
JPoles.com **
Lido Radio Products **
Pacific Amateur Radio Guild
PreciseRF
PreppComm Amateur Radio
Quarter Century Wireless Association
Samlex America **
Sierra Radio Systems/ PackTenna **
Sunset Empire Amateur Radio Club (SEARC)
Western Case **
Wired Communications **
Yaesu USA
Young Ladies Radio League

** Prize Donation

Prize Donations from our Exhibitors come in throughout the SEA-PAC Event. For the most up to date list of prizes, see the listing at the Prize Administration Table located near the Main Stage.

The purchaser must hold an Adult registration for the SEA-PAC Ham Convention and be 18 years of age or older.

**For more information see the Raffle Information, Disclosures, and House Rules where the Raffle Tickets are sold!**

***Due to publication deadlines we apologize for any changes or omissions***

# ARRL Northwestern Division Section Managers

## Scott R. Rosenfeld, N7JI

## Oregon Section Manager

Scott Rosenfeld, N7JI, was originally licensed in 1984 at age 15 and quickly upgraded to Extra. He began his service to the amateur radio community as a VE just after he turned 18. He is currently the technical advisor to the radio clubs at South Eugene High School and the University of Oregon.

Scott is a member of several radio organizations, including CWOps, SKCC, QRP ARCI, ARRL, and the DX Obsessed Group .

He is the Vice President of the Willamette Valley DX club and a trustee of the Valley Radio Club of Oregon. He is a firm believer in the power of local radio clubs. "It is **important** to get to know your local hams, as they are the people you'll be working with in case of emergency. It also provides the opportunity to network, as well as Elmer and be Elmered. He is an ARRL Registered Instructor and routinely teaches Technican and General level classes.

Scott's favorite mode is CW (proud CWOPS member #2348). He also enjoys DxPeditions, DXing, QRP, and contesting.

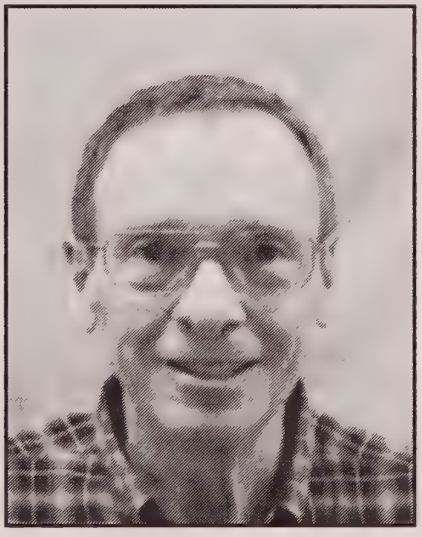
# Bob Purdom, AD7LJ

## Western Washington Section Manager

Bob is a veteran of the United States Air Force and United States Navy. He is a retired naval officer and telecommunications engineer for the State of Washington, where he did communications planning, worked on LMR mobiles and base stations, as well as Lahar, Earthquake and Tsunami alert/warning systems. Bob has been a ham radio operator for 19 years. He is a life member and very active in the Radio Club of Tacoma and a member of the Capital Peak Repeater Group.

# Dan Marler, K7REX

## Idaho Section Manager



**Dan Marler, K7REX,** was first licensed in as KN7REX in 1961 and has been an ARRL member for well over 50 years. He holds an Amateur Extra Class license.

He served eight years with the US Navy as a Radioman, followed by several years in Information Technology (IT) working for both Fortune 500 companies, and in the government sector. He retired as an IT Administrator for FLSmith, a global engineering company.

Dan also holds a FCC Commercial Radiotelephone license, and a FAA Commercial Pilots license and he can be heard on the HF, VHF and the UHF bands.

Amateur Radio has taken him on an enjoyable journey through a wide range of digital (including CW) and voice operating modes and he is currently active in promoting digital text and voice communications. He has served as an ARRL EC, DEC and SEC in years past and in April he became Idaho's SM.

# Jo Whitney, KA7LJQ

## Eastern Washington Section Manager

**Jo Whitney, KA7LJQ** was licensed as a novice in 1981 after testing at the FCC office in Seattle. Volunteer Examiners signed her advanced class CSCE in 1990. Jo is a life member of the ARRL as well as a member of the Diamond club and Maxim Society. She has been an active Volunteer Examiner since 1993 with the ARRL.

Interest in public service communications led Jo to join Yakima Search & Rescue's communications team in 1987 and accept appointment as ARES EC in 1991. Working with her local Office of Emergency Management has stressed the need for understanding and use of the incident management system to structure volunteer response and effectiveness. Interests beyond EmComm vary including working on the DXCC list and sitting "in the chair."

It is important for amateur radio operators to be involved to participate and promote amateur radio for the benefit of all. Jo moved to Yakima before the Mount St Helens eruption.

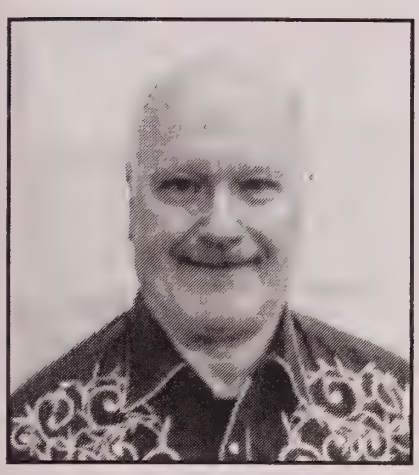
She continues to work as a Registered Nurse promoting the health and safety of the elderly in community living settings.

# Kevin G. Kerr, W1KGK

## Montana Section Manager

# David Stevens, KL7EB

## Alaska Section Manager



**David Stevens, KL7EB,** is an extra class Amateur and 40 plus years a Life Member of the American Relay Radio League. There are 3784 amateurs in Alaska of which 1934 are Technician class.

He promotes contesting, and DXing and also encourages members to participate in more WAS (Worked All States), 10-10 awards, High Altitude Balloon launches, Islands On the Air (IOTA), Moon bounce and other diverse parts of our hobby. Some of his greatest thrills was each time he helped a disabled ham fix his tower and high SWR. The smile on their faces is priceless.

As section manager in 1984 he saw expanded voice privileges on HF thanks to support of Juneau hams. Later the FCC turned primary monitoring over to amateurs, as well as starting a Voluntarily Examining program. He was the Iditarod Chief of communications with the 2003 restart in Fairbanks. He is excited to help amateur radio into the next generation.

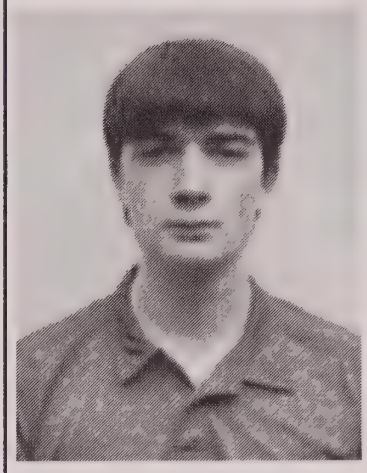
## SEA-PAC Feedback

**We appreciate feedback on your experience at SEA-PAC. To share it with us, send us an email with your comments to:**
**suggestions@seapac.org**

**Thank you for attending SEA-PAC and thank you in advance for taking the time to help us make SEA-PAC 2025 an even better experience!**

# Mickley/Berg Memorial Scholarship

## John Patrick, KJ7QQG



John Patrick (KJ7QQG) is an 18 year old Extra class ham who has enjoyed working with computers and other electronics from a young age. His grandpa was also a ham (K6LTS), and many times JP would visit and admire his equipment. However, the beginning of his ham radio journey was in his other hobby, high power rocketry. For easier recovery, APRS trackers are used in the rockets, and they operate on the 70 centimeter band, so JP got his license. Soon, JP began exploring other areas of ham radio, and once he found HF, he was hooked. He obtained his General and Extra licenses quickly after his Tech, and has been an avid HF digital mode user and developer ever since. He is currently enrolled at Oregon State University for a Bachelor's degree in computer science. He plans to continue innovating and hopes to leave a long-term positive impact on the hobby.

# Radios at the Beach

We look forward to light winds and no rain at the beach. Walk down to the beach from the Turnaround to portable stations to the west, probably a bit east of highwater line. You are welcome to tote a portable station down and operate, or ogle the stations others set up to test the "salt-water amplifier effect." Make new friends who enjoy the same hobby!

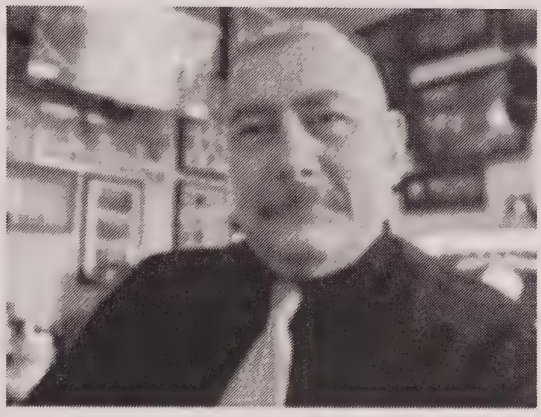
# SEA-PAC Flea Market

Please take time to visit the numerous "flea-marketeers" who brought ham treasures galore to share with others.

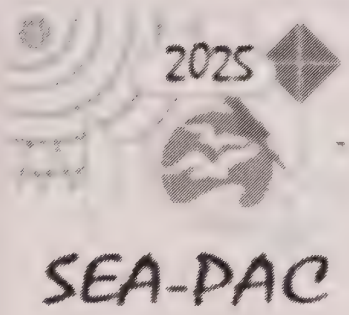
Their excess might be just the thing you, or someone you know, need for a project!

Since Flea Market tables are a key contributor to the overall SEA-PAC experience, be sure and register for one or more when registration opens in 2026.

# SEA-PAC 2025 Pin Contest Winner
## Ivan Loock, N7PRM

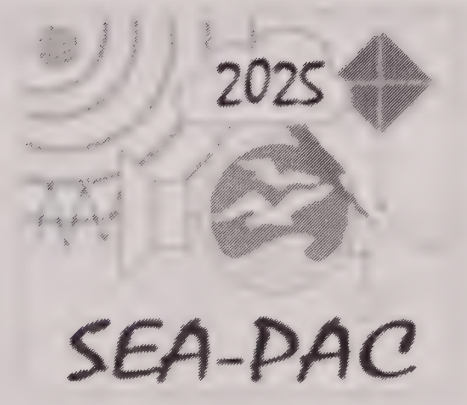


Ivan Loock is originally from Wisconsin, and has been an Oregonian since 1983. He was first licensed in 1990 as KB7LNJ, and became N7PRM thirty days later, upon earning his Technician License. He upgraded to General Class in 2002, and another thirty days later, earned his Extra Class. Today, in 2025, he is upgrading to a commercial, General Radiotelephone Operator License (GROL.) He is a Life Member of the ARRL, a VE, an active member of Oregon Tualatin Valley Amateur Radio Club (OTVARC,) and has been a part of SEA-PAC's Commercial Exhibitor Setup since 1992. He is a NOAA Skywarn Spotter, operates a repeater system, and enjoys teaching others how repeaters are not *"black magic and voodoo!"* Aside from radiocommunications, he has a deep background in public safety, pyrotechnics and commercial aviation. Alongside his own system, he lurks on DMR, specifically on Oregon 1, and East Coast Reflector




# Country Store

As a service to Flea Market buyers, the Radio Club of Tacoma club provides a testing center for equipment. A power supply, voltmeter, oscilloscope and frequency counter are a part of their testing equipment. Check out what you are considering buying. Neither R.C.T. nor SEA-PAC can accept responsibility for the condition of any equipment nor can be held responsible for any damage as a result of use of test gear. As an additional service to the amateur radio community, R.C.T. also provides a Country Store where rigs and other equipment will be displayed for sale. Have a piece of gear to sell? As an additional service they will consign it for you at a reasonable charge. Remember, your boat anchor is someone else's dream machine!




# 2025 SEA-PAC Collector Pin and T-Shirts

**The Ivan Loock, N7PRM, 2025 SEA-PAC Pin design is available on both SEA-PAC collector pins and tee shirts.**

**You can purchase your T-Shirt directly from Hip Ham Shirts in the convention hall.**

**The 2025 collector pins (and several other past years) are only available for purchase at the SEA-PAC registration desk. $5.00**

Willamette Valley DX Club

Invites you to join us at the

## 70th Annual Pacific Northwest DX Convention

## August 15-17, 2025

**Monarch Hotel, Clackamas, OR**

* Raffle and Door Prizes *

* Great DX and Contesting Educational Programs *

* DXCC Card Checking *

* Saturday Night Banquet *

Register on-line: pnwdxconvention.com

Info: Al Rovner, K7AR - k7ar@arrl.net

# SEA-PAC CONTACTS

| | |
|---|---|
| SEA-PAC Chair | Barbara Robertson, KI7BR<br>chair@seapac.org |
| Vice-Chair | Barbara Yasson, AC7UH<br>vice-chair@seapac.org |
| General Information: | info@seapac.org |
| Exhibitors: | Delvin Bunton, NS7U<br>exhibitors@seapac.org |
| Flea Market: | David Wright, AB7DW<br>fleamarket@seapac.org |
| Registration: | Melissa Nelson, WA7MEL<br>registration@seapac.org |
| Workshops & Seminars: | Delvin Bunton, NS7U<br>Toby Clairmont, KH7FR<br>seminars@seapac.org |
| Drawings & Prizes: | Steve Bils, K3SHB<br>prizes@seapac.org |
| PIO: | pio@seapac.org |
| Publications: | Candice Bucsek, KF7WPQ<br>publications@seapac.org |
| SEA-PAC Message Phone: | 503.882.7388 |
| SEA-PAC Web Site: | http://www.seapac.org |
| SEA-PAC Mailing Address: | SEA-PAC Ham Convention<br>Post Office Box 5471<br>Beaverton, Oregon 97006-0471 |

# Tsunamis

Coastal areas along the Pacific Ocean sometimes experience earthquakes and the resulting tsunami waves. If you feel an earthquake:

- Drop, cover, and hold
- Move immediately inland to higher ground

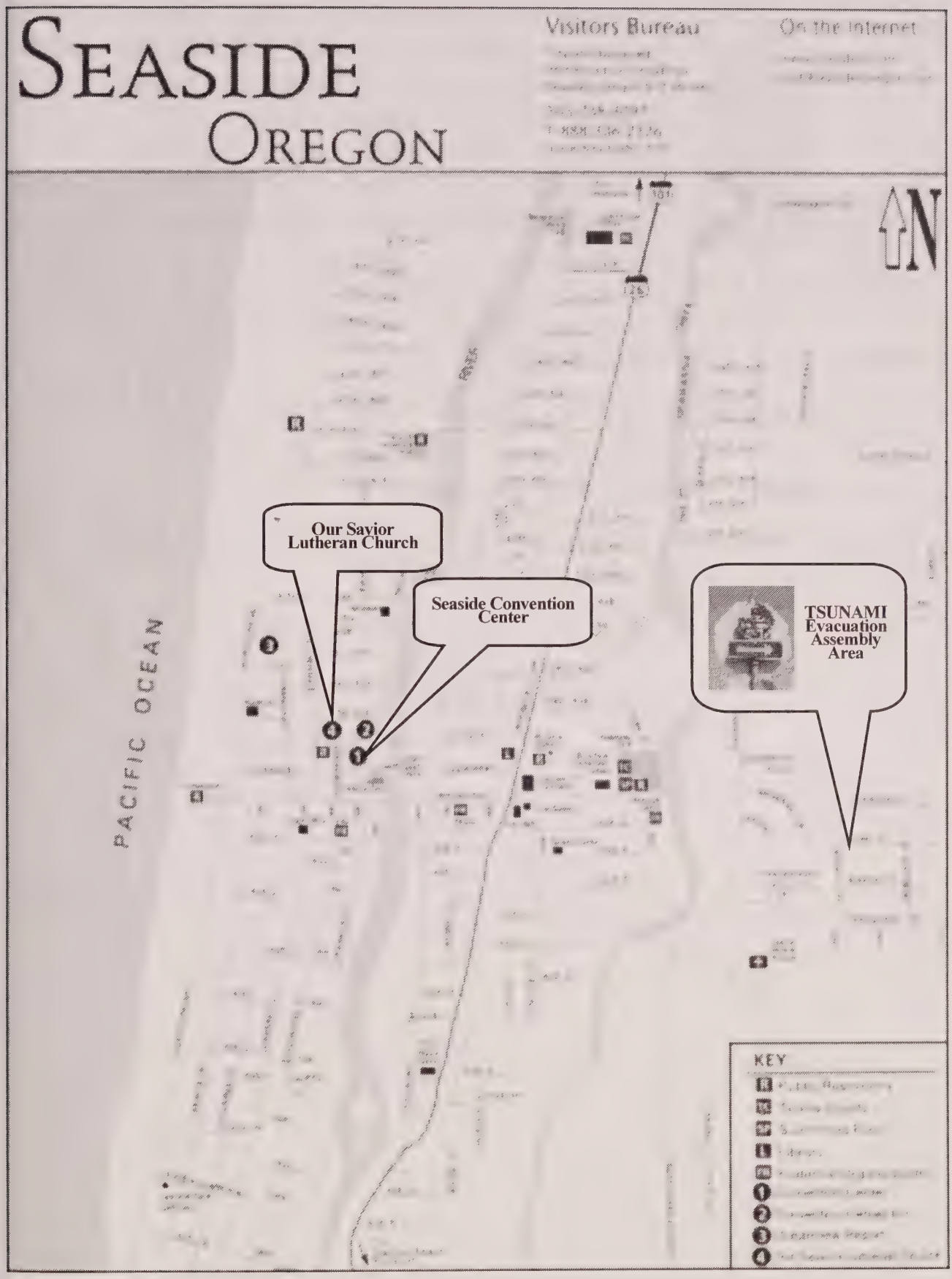
- Do NOT wait for an official warning
- Go to the evacuation staging area by foot.
- Leave your auto parked.

From the Convention Center, walk EAST on Broadway about ¾ mile up the hill. Leave your car and walk because you will pass the folks stuck in traffic jams.

From Broadway Middle School, walk SOUTH to Broadway, then EAST up the hill to the evacuation assembly area.

A local earthquake (along the Cascadia Fault Zone) may be your only warning. You likely have less than 15 minutes to reach higher ground. More distant earthquakes will not give the shake warning, so sirens will sound for 3 minutes at intervals.
We do not expect an earthquake or tsunami during your visit, but advance planning helps you prepare for the unexpected. (See map on page 31)

# SEA-PAC Activity Locations



# Lewis and Clark Trail on the Air

**The Lewis and Clark Trail on the Air special event is an on air activity that commemorates the historic Lewis and Clark Trail. The trail covers 4900 miles through 16 states. This includes the disembarkation from Camp Dubois and what is referred to as the Eastern Legacy. The event is sponsored by the Clark County Amateur Radio Club with support and participation from clubs in all 16 states along the historic trail.**

**The event runs 24 hours a day from May 31 through June 15, 2025.**

**For more information, visit lctota.org.**

**Stop by the Lewis and Clark radio station in the NE corner of the convention hall and get on the Air!**

# NOTES

# NOTES

# SEA-PAC COMMITTEES

SEA-PAC CHAIR
*Barbara Robertson, KI7BR*

VICE-CHAIR
*Barbara Yasson, AC7UH*

OTVARC LIAISON
*Ron O'Connor, KD7VIK*

CCARC LIASION
*Delvin Bunton, NS7U*

ADVERTISING
*Wayne Schuler, AI9Q*

BANQUET & LUNCHEONS
*Ron O'Connor, KD7VIK*

EXHIBITORS
*Delvin Bunton, NS7U*

FINANCE/TREASURER
*Candice Bucsek, KF7WPQ*
*Melissa Nelson, WA7MEL (A)*

HEALTH & SAFETY
*Toby Clairmont, KH7FR*

Reception For All
*Delvin Bunton, NS7U*

Radios at the Beach
*David Moore, KF7ASP*

SOCIAL MEDIA
*Shayne Rowan, WA7MSR*

REGISTRATION
*Melissa Nelson, WA7MEL*
*Candice Bucsek, KF7WPQ (A)*

WEBSITE
*Michael Nelson, N7IQM (Back Office)*
*Melissa Nelson, WA7MEL (Registration)*
*Jason Dinsmore, K7BPM (Public Pages)*

PUBLICATIONS
*Candice Bucsek, KF7WPQ*

SECURITY
*Bruce Bullis, KG6CI*
*Geoff Apgar, W7JEZ (A)*

SEA-PAC PIN PROGRAM
*Jerry Sheffield, N7THL*
*Don Wells, KK7GJA (A)*

SEA-PAC ADVISOR
*Herb Hirst, K7HLH*
*Wayne Schuler, AI9Q*

QSO Party
*Ron O'Connor, KD7VIK*

EXHIBITOR HOSPITALITY

DRAWING & PRIZE COMMITTEE
*Steve Bils, K3SHB*
*John Bucsek, KE7WNB (A)*
*Darwin Durr, K7PSD (A)*

CONVENTION SETUP
*Bruce Bullis, KG6CI*

WORKSHOPS & SEMINARS
*Delvin Bunton, NS7U*
*Toby Clairmont, KH7FR (A)*

FLEA MARKET
*Dave Wright, AB7DW*
*Jim Schaffer, KB7ADH (A)*
*Frank Gruber, KB7NJV (A)*

EXHIBITOR SET UP
*Dave Moore, KF7ASP*

V.E. TESTING
*John Bucsek, KE7WNB*
*Paul LeFevre, KI7ADC (A)*

**We Hope to See You All Live and In Person Next Year at SEA-PAC 2026 in beautiful Seaside, Oregon. June 5 – June 7, 2026**

# ARRL and Northwestern Division Scholarships

Northwestern Division Scholarship Funding is made available through the generosity of the Members of the ARRL Northwestern Division (NWD). NWD scholarships currently available include: The Wilse Morgan, WX7P, Memorial ARRL Northwestern Division Scholarship; The Joel R. Miller, W7PDX, and Martha C. Miller STEM Scholarship; The William Bennett, W7PHO, Memorial Scholarship; The Mary Lou Brown Scholarship; and The Lois Manley, K7LMZ and Randall Pitchford, WW7ZZ Scholarship.

These scholarships are awarded to eligible hams living in the Northwestern Division (Alaska, Idaho, Montana, Oregon, or Washington) who are members of the ARRL, active in Amateur Radio activities, and who are pursuing higher education. Generally, applicants include high school seniors, undergraduate, and graduate students.

In Addition, there are many additional scholarships available From the ARRL Foundation that are non-specific to the NWD and some have specific requirements. Please encourage young, licensed, active Hams to apply for one of these scholarships. Those interested in applying for a Northwestern Division Scholarship, please have then visit www.arrl.org/scholarship-program to learn more.

To create a new scholarship please reference: www.arrl.org/arrl-foundation-donation-form or email the ARRL Foundation at foundation@arrl.org or call 860-594-0348.

For 2026, there are approximately 165 scholarships available from the ARRL Foundation ranging in values from $500 to $25,000.

The next application process for 2026 ARRL Foundation Scholarships will begin in the Fall 2025 and will end on December 31, 2025.

*Due to publication deadlines we apologize for any changes or omissions.*

*"The Northwest's Largest Ham Convention"*

# SEA-PAC '26

## June 5 - June 7, 2026

## ARRL NORTHWESTERN DIVISION CONVENTION

## Seaside Convention Center, Seaside Oregon

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**Commercial Exhibits • Giant Flea Market • Seminars • Workshop**
**Banquet • Entertainment • VE Testing • DX & YL Luncheons**

***On the beautiful Northwest ocean beach***

**Exhibitor Contact:**
exhibitors@seapac.org

**Flea Market Contact:**
fleamarket@seapac.org

**Registration Contact:**
registration@seapac.org

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